

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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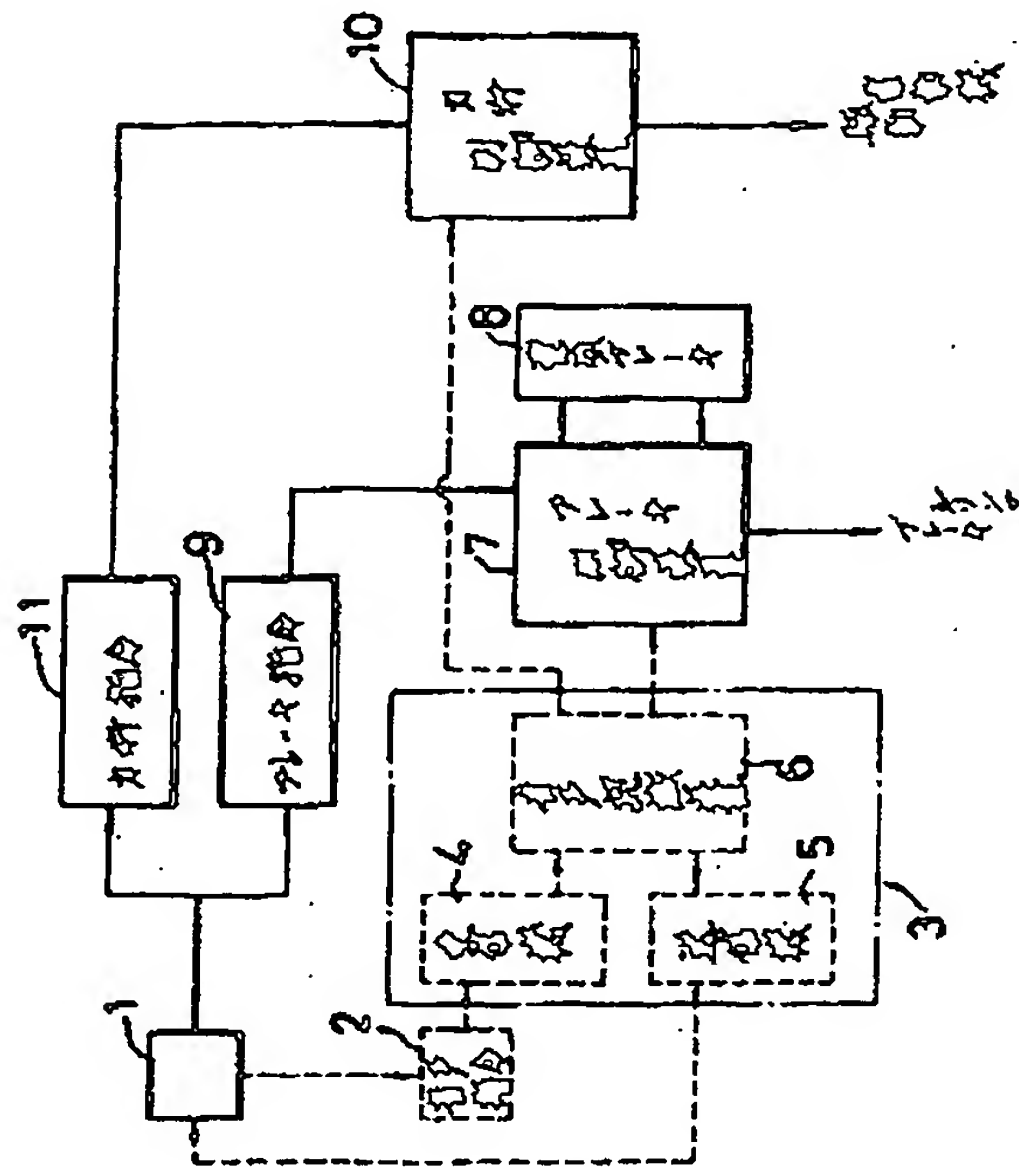
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INVENTOR : FURUSUGI TERUBUMI;

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TITLE : VOICE CONTROL SYSTEM OF  
ELECTRIC RAILCAR



ABSTRACT : PURPOSE: To improve the degree of safety and to preferably perform the operability of an electric railcar by confirmation and repetition by a driver.

CONSTITUTION: A voice command 2 from a driver 1 is transmitted to a voice controller 3. The controller 3 has a receiver 4, a transmitter 5 and a voice confirming unit 6. The command 2 is transmitted through the receiver 4 to the unit 6. A command is stored in advance in the unit 6, the stored command is compared with the command 2 to judge whether the both are equal or not. The content of the command judged in the unit 6 is confirmed and repeated from the transmitter 5 and fed back to the driver 1. When the driver 1 again confirms and repeats, a brake command 9 or a power drive command 11 is applied to a brake controller 7 or a power drive controller 10, a drive motor is controlled to power drive, and an electric brake 8 is operated.

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